AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

- 1. (original) A high-strength hot-rolled steel sheet excellent in hole expandability, and ductility, containing in terms of a mass%:
 - C: 0.01 to 0.09%,
 - Si: 0.05 to 1.5%,
 - Mn: 0.5 to 3.2%,
 - Al: 0.003 to 1.5%,
 - P: 0.03% or below,
 - S: 0.005% or below,
 - Ti: 0.10 to 0.25%,
 - Nb: 0.01 to 0.05%, and

the balance consisting of iron and unavoidable impurities;

satisfying all of the following formulas <1> to <3>:

- $0.9 \le 48/12 \times C/Ti < 1.7$. . . <1>
- $50,227 \times C 4,479 \times Mn > -9,860 . . . <2>$
- 811 x C + 135 x Mn + 602 x Ti + 794 x Nb > 465

...<3>, and

having strength of at least 980 N/mm².

- 2. (original) A high-strength hot-rolled steel sheet excellent in hole expandability and ductility, containing in terms of a mass%:
 - C: 0.01 to 0.09%,
 - Si: 0.05 to 1.5%,
 - Mn: 0.5 to 3.2%,
 - Al: 0.003 to 1.5%,
 - P: 0.03% or below,
 - S: 0.005% or below,

Ti: 0.10 to 0.25%,

Nb: 0.01 to 0.05%,

at least one of

Mo: 0.05 to 0.40% and V:0.001 to 0.10%, and

the balance consisting of iron and unavoidable impurities;

satisfying all of the following formulas <1>' to <3>':

 $0.9 \le 48/12 \times C/Ti < 1.7$

 $50,227 \times C - 4,479 \times (Mn + 0.57 \times Mo + 1.08 \times V) > -9,860$

811 x C + 135 x (Mn + 0.57 x Mo + 1.08 x V) + 602 x Ti + 794 x Nb > 465 . . . <3>, and having strength of at least 980 N/mm².

- 3. (currently amended) A high-strength hot-rolled steel sheet excellent in hole expandability and ductility according to claim 1 or 2, which further contains, in terms of mass%, 0.0005 to 0.01% of at least one of Ca, Zr and REM.
- 4. (currently amended) A high-strength hot-rolled steel sheet excellent in hole expandability and ductility according to any of claims 1 through 3 claim 1, which further contains, in terms of mass%, 0.0005 to 0.01% of Mg.
- 5. (currently amended) A high-strength hot-rolled steel sheet excellent in hole expandability and ductility according to any of claims 1 through 4 claim 1, which further contains, in terms of mass%, at least one of:

Cu: 0.1 to 1.5% and

Ni: 0.1 to 1.0%.

6. (currently amended) A production method of a high strength hot rolled steel sheet excellent in hole expandability and ductility according to any of claims 1 through 5 claim 1, comprising the steps of:

finishing hot rolling by setting a rolling end temperature to from an ${\rm Ar}_3$ transformation point to 950°C;

cooling a hot rolled steel sheet to 650 to 800°C at a cooling rate of at least 20°C/sec ;

air cooling then the steel sheet for 0.5 to 15
seconds;

further cooling the steel sheet to 300 to 600°C at a cooling rate of at least 20°C/sec; and coiling the steel sheet.